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QUEENSLAND FACTORY STATISTICS, 1943-44.

The number of persons employed in factories reached its peak, both in Queensland and Australia, in the year 1943, and has since been declining. Information for the most recent available quarterly period indicates a decline of about 3 per cent. both in Queensland and in Australia as a whole, compared with the corresponding period two years ago.

Excluding working proprietors, factory employment in Queensland in 1943-44 was 8.4 per cent. of the Australian total, compared with 9.5 per cent. in 1938-39, and 10.2 per cent. in 1928-29.

The average number of persons, including working proprietors, employed per factory has risen from 17.5 in 1938-39 to 24.4 in 1943-44. The number of factories, which was increasing in the pre-war years, suffered a heavy net reduction as a consequence of the war. During 1943-44, however, there was apparently no further decline.

The proportion of female workers has only shown a small rise during the war, from 18.8 per cent. in 1938-39 to 21.7 per cent. in 1942-43. It fell to 21.4 per cent. in 1943-44. In Australia as a whole, the female proportions were 27.0 per cent. in 1938-39 and 29.4 per cent. in 1942-43.

The metal trades, in which the proportion of wages to production has always been large and has increased substantially during the war, have grown relatively faster than other industries since 1938-39. This fact has been sufficient to account for the rise in the proportion of wage and salary payments to value of production for all factories from 56.4 per cent. in 1938-39 to 59.8 per cent. in 1943-44. The value of production is net after purchase of materials, power, repairs, and replacements. The balance not paid in salaries and wages has to meet depreciation, office expenses, etc., as well as profits.

There were 2,652 factories operating during 1943-44 (2,641 in 1942-43), and the value of goods produced and work done by them was £90,373,000 (£86,232,000). The value of production was £30,211,000 (£29,045,000). Of this figure, salaries, wages, and drawings accounted for £18,795,000 (£17,418,000), divided into £16,685,000 (£15,602,000) for males and £2,110,000 (£1,816,000) for females.

On the average for the whole year, there were 50,822 (50,325) males and 13,860 (13,967) females, making a total of 64,682 (64,292) persons, working in factories. At the middle of June, 1944, there were 1,732 (2,126) males and 1,017 (1,308) females who were under 16 years of age, and 7,669 (7,468) males and 4,954 (5,180) females who were over 16 years but under 21 years of age.

All the above figures include heat, light, and power stations.

Table 1 attached gives comparative total figures for 1938-39 and the last four years, table 2 shows the 1943-44 figures by statistical classes, and table 3 records the output of the principal factory products for 1938-39 and the last four years.

More detailed information for the principal factory industries, including particulars of materials used and commodities produced, is given below for the year 1943-44.

RAW SUGAR MILLS: The 33 mills engaged in the manufacture of raw sugar employed 3,834 hands and paid £1,268,725 in salaries and wages. Cane crushed amounted to 3,597,617 tons, valued at £7,448,908, and 486,423 tons of sugar were made, valued at £10,045,495, or £20.13. 0 a ton at the mill. 14,778,023 gallons of molasses were obtained, 7,345,596 gallons of which were sold to distilleries for making rum, power alcohol, and methylated spirits. The value of land and buildings was stated to be £1,106,838, and of machinery and plant, £6,814,104. Particulars for sugar refineries cannot be quoted as they are confidential.

BUTTER AND CHEESE FACTORIES: Fifty-five butter factories utilised 204,218,733 lb. of cream, valued at £8,258,829, and produced 191,416,297 lb. butter, worth £9,001,950 (including subsidy). Hands employed totalled 1,201. Forty-two cheese-making and processing establishments employed 336 hands. In addition, there were 10 small cheese factories not classed statistically as factories (on account of having less than four hands and not using power-driven machinery). The total quantity of cheese made in all establishments (including butter factories) was 24,041,648 lb., valued at £1,200,895 (including subsidy). Milk used totalled 23,342,421 gallons, for which £1,024,679 was paid to producers.

MEATWORKS AND BACON FACTORIES: The returns from 20 establishments indicated that the value of land and buildings and machinery was £2,826,415 and that 6,504 persons were employed. Wages and salaries paid amounted to £2,250,964. The value of output of meats and by-products was £15,422,076. Stock slaughtered consisted of 558,374 cattle, 166,896 calves, 1,334,955 sheep, 106,655 lambs, and 491,866 pigs. The value at the works of cattle and calves was £6,127,180; of sheep and lambs, £1,067,683; and of pigs, £2,751,215. Products obtained included beef, 240,199,054 lb.; veal, 8,336,25[illegible] lb.; mutton, 32,827,653 lb.; lamb, 3,238,298 lb.; pork, 13,379,089 lb.; bacon and ham, 26, 790,785 lb.; preserved meats, 64,299,086 lb.; smallgoods, 18,436,764 lb.; sausage casings, 27,108 cwt.; lard, dripping, etc., 16,662,959 lb.; tallow, 9,838 tons; 2,148,493 hides and skins, and various other products.

GRAINMILLS: The ten Queensland flour mills manufactured 125,603 tons of flour, worth £1,335,140, and 7,804 tons of wheatmeal, worth £81,868. Bran and pollard amounting to 5,109,900 bushels was worth £349,001. The 6,336,682 bushels of wheat used cost £1,409,219.

BAKERIES AND BISCUIT FACTORIES: Two hundred and seventy-one of these establishments were classed statistically as factories and employed 1,711 hands, exclusive of bread carters, etc. Their products comprised 133,973,884 lb. of bread, valued at £1,256,211 (at bakehouse), 2,618,948 lb. of biscuits, valued at £96,102, and a quantity of cakes, etc., valued at £797,172. These factories used 725,434 sacks of flour , 16,571 cwt. of wheatmeal, and 77,970 bags of sugar. Returns were also received from a further 208 bakeries not coming within the statistical definition of factory. These made 34,434,910 lb. bread.

JAM, FRUIT, AND VEGETABLE CANNING, ETC.: 13,059 tons of fresh fruit and 100,536 bags of sugar were used in these factories to produce 8,578,277 lb. of preserved pineapple and 1,611,354 lb. of other preserved fruit, valued at £219,268 and £41,507 respectively. 456 hands, earning salaries and wages amounting to £99,847, were employed.

BREWERIES: Six breweries operated during the year and employed 478 hands in producing 12,815,605 gallons of beer (excluding waste), valued at £1,364,840, excluding excise duty. 397,212 bushels of malt, 304,764 lb. of hops, and 74,429 bags of sugar were used.

SAWMILLS. Returns were received from 321 sawmills, which provided employment for 4,805 persons on sawing operations. Wages and salaries paid totalled £1,310,257. From Queensland logs measuring 270,786,568 super feet and valued at £1,497,491, there were produced 180,759,333 super feet of rough-sawn timber, of which 34,940,474 super feet were used in the mills to make floorboards, weatherboards, joinery, boxes, cases, etc. The total value of output from sawmills (including timber, etc., from imported logs) was £3,868,080.

PLYWOOD MILLS: The output from plywood mills was valued at £878,515, and included plywood at £704,726 (for 69,290,126 square feet) and veneers at £48,815 (for 15,590,447 square feet). 26,166,933 super feet of Queensland logs were used. There were 752 workers, who received £190,588 in wages and salaries.

FURNITURE MAKING, ETC.: Factories engaged in the manufacture of furniture employed 1,054 hands, and salaries and wages paid totalled £294,501. The value of output was £860,870. In addition, 79 persons were employed in other factories making bedding, mattresses, furnishing drapery, etc., valued at £101,880, and 125 in factories making window and veranda blinds.

INDUSTRIAL METALS, MACHINES, IMPLEMENTS, CONVEYANCES, ETC.: Altogether there were 854 factories under this heading, with 23,303 workers and an output of £17,860,225. Engineering works employed 4,043 persons who received £1,214,035 for wages, etc. Their output was valued at £2,911,536. £2,093,020 was paid to 5,198 employees in Railway and Tramway Workshops. Works engaged in the Construction, Assembly and Repair of Motor Vehicles, Cycles, and Accessories employed 3,128 hands who received £844,267 in wages, etc. Motor Body Works built 531 bodies, valued at £29,808. Works classified as Stoves and Ovens employed 466 hands, with wages, etc., amounting to £134,100. 7,435 stoves and ovens, valued at £75,150, were made.

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GOVERNMENT STATISTICIAN'S OFFICE,
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13th June, 1945.

TABLE 1.

Queensland Factories - 1938-39 and the Last Four Years.

Item.	1938-39.	1940-41.	1941-42.	1942-43.	1943-44.
No. of Establishments ..	3,087	2,972	2,788	2,641	2,652
Persons Employed: [a]					
Males	43,941	46,567	49,695	50,325	50,822
Females	10,169	10,702	12,214	13,967	13,860
Total	54,110	57,269	61,909	64,292	64,682
Proportion Per Cent. of each Sex Employed:					
Males	81.2	81.3	80.3	78.3	78.6
Females	18.8	18.7	19.7	21.7	21.4
Land and Buildings ..£	12,299,089	12,594,215	13,082,394	13,159,140	13,262,504
Machinery and Plant ..£	18,095,415	18,501,758	18,771,893	18,793,878	17,886,417
Materials Used, etc. ..£	42,596,049	46,036,189	49,384,624	55,081,956	58,000,564
Power, Fuel, Light, Water, and Lubricating Oil .. ..£	1,423,549	1,655,937	1,915,087	2,105,774	2,162,113
Value of Output .. ..£	63,321,073	70,236,464	76,130,050	86,232,289	90,373,205
Value of Production ..£	19,301,475	21,644,338	24,830,339	29,044,559	30,210,528
Salaries and Wages Paid: [b]					
Males	9,920,001	11,076,635	13,059,246	14,939,209	15,984,325
Females	967,228	1,087,128	1,417,522	1,798,336	2,087,364
Total	10,887,229	12,163,763	14,476,768	16,737,545	18,071,689
Average Salaries and Wages per Worker: [b]					
Males	239	250	274	308	327
Females	96	102	117	130	152

[a] Average over whole year, including working proprietors.

[b] Excluding amounts drawn by working proprietors.

Proportion Per Cent. of Costs, etc. to Total Output.

Item.	1938-39.	1940-41.	1941-42.	1942-43.	1943-44.
Materials Used, etc. ..	67.3	66.8	64.9	63.9	64.2
Power, Fuel, Light, Water, and Lubricating Oil ..	2.2	2.4	2.5	2.4	2.4
Salaries, Wages, and Drawings	18.2	18.3	19.9	20.2	20.8
Balance for Depreciation, Interest, Profit, etc.	12.3	12.5	12.7	13.5	12.6
Total Output:	100.0	100.0	100.0	100.0	100.0

Queensland Factories by Statistical Classes - 1943-44.

Class.	Establishments.	Persons Employed (a) (Including Working Proprietors).			Salaries and Wages (Excluding Working Proprietors' Drawings).			Value of Production.	Value of Land and Buildings.	Value of Machinery and Plant.
		Males.	Females.	Total.	Males.	Females.	Total.			
	No.	No.	No.	No.	£	£	£	£	£	£
1. Treatment of Non-metalliferous Mine and Quarry Products	36	726	29	755	219,137	5,034	224,171	458,252	176,353	245,971
2. Bricks, Pottery, Glass, etc. ..	25	392	38	430	107,001	5,212	112,213	213,223	83,725	57,702
3. Chemicals, Dyes, Explosives, Paints, Oils, and Grease	39	614	253	867	204,421	35,182	239,603	577,000	227,143	185,885
4. Industrial Metals, Machines, Implements, and Conveyances ..	654	20,531	2,772	23,303	6,835,432	534,435	7,369,867	10,204,338	3,221,843	2,652,906
5. Precious Metals, Jewellery, and Plate	20	101	19	120	20,743	2,801	23,544	48,265	24,699	4,310
6. Textiles and Textile Goods (not Dress)	21	569	935	1,504	146,054	114,634	260,688	439,354	135,262	126,886
7. Skins and Leather (not Clothing or Footwear)	45	899	136	1,035	277,051	18,257	295,308	544,839	128,223	112,002
8. Clothing	269	1,275	4,901	6,176	315,506	683,009	998,515	1,585,242	562,192	187,333
9. Food, Drink, and Tobacco ..	742	15,022	2,923	17,945	4,947,098	418,433	5,365,531	10,258,636	6,032,107	10,422,646
10. Woodworking and Basket Ware ..	418	6,242	338	6,580	1,589,010	52,455	1,641,465	2,583,978	498,041	743,570
11. Furniture, Bedding, etc. ..	101	1,057	201	1,258	274,257	30,501	304,758	504,741	256,868	66,575
12. Paper, Stationery, Printing, Bookbinding, etc.	147	1,789	1,043	2,832	548,497	147,568	696,065	1,202,561	923,018	504,767
13. Rubber	34	329	119	448	75,373	13,349	88,722	160,359	117,067	38,067
14. Musical Instruments	3	17	-	17	4,687	-	4,687	7,474	7,460	248
15. Miscellaneous Products ..	34	326	153	479	88,217	26,494	114,711	190,037	84,182	25,891
Total Classes 1 to 15 ..	2,588	49,889	13,860	63,749	15,652,484	2,087,364	17,739,848	28,978,299	12,478,183	15,379,759
16. Heat, Light, and Power ..	64	933	-	933	331,841	-	331,841	1,232,229	784,321	2,506,658
TOTAL ALL CLASSES ..	2,652	50,822	13,860	64,682	15,984,325	2,087,364	18,071,689	30,210,528	13,262,504	17,886,417

(a) Average over whole year.

TABLE 3.

Queensland's Principal Factory Products.

Product.	Unit.	1938-39.	1940-41.	1941-42.	1942-43.	1943-44.	
		Quantity.	Quantity.	Quantity.	Quantity.	Quantity.	Value £
Aerated Waters, etc.	100 doz.	31,472	28,424	35,504	55,929	59,234	827,817
Arrowroot ..	tons	780	1,369	1,383	1,057	557	19,322
Beer	100 gals.	76,952	84,665	93,017	122,129	128,156	1,364,840
Biscuits ..	100 lb.	21,483	24,012	40,123	36,667	26,190	96,102
Bran and Pollard	1,000 bush.	3,493	3,819	3,850	4,346	5,110	349,001
Bread ..	1,000 lb.	102,863	109,296	110,132	126,503	133,974	1,256,211
Bricks - Ordinary	1,000	27,079	22,139	22,390	7,420	5,660	28,714
" - Fire	1,000	1,175	843	876	1,281	1,006	19,472
Butter ..	1,000 lb.	154,378	117,081	95,675	111,511	101,416	9,001,950[b]
Cheese[a] ..	1,000 lb.	15,749	11,732	16,334	28,515	24,042	1,200,895[b]
Cotton Lint ..	1,000 lb.	4,774	4,128	5,651	4,925	3,346	246,820
Cloth - Flannel	sq. yds.	464,053	701,346	869,079	635,470	552,197	111,211
" - Tweed, etc.	sq. yds.	680,682	929,470	557,613	705,764	698,908	135,036
Flour ..	tons	84,314	88,851	92,609	102,864	125,603	1,335,140
Footwear -							
Boots and Shoes	pairs	671,707	641,759	881,797	793,802	715,465	491,196
Slippers ..	pairs	577,236	470,392	557,078	586,624	571,443	95,849
Fruit - Preserved and pulped ..	1,000 lb.	19,645	28,057	26,746	23,419	10,204	274,482
Hides and Skins	1,000	1,544	1,481	1,595	2,174	2,148	962,974
Leather -							
Dressed ..	1,000 sq.ft.	4,329	5,593	6,745	6,220	3,684	218,994
Sole ..	1,000 lb.	3,023	4,164	5,202	6,044	5,992	403,767
Lime, Quick ..	tons	10,804	8,988	9,065	6,271	13,205	32,293
Meat -							
Beef and Veal	1,000 lb.	337,953	291,848	234,511	230,437	248,535	5,220,259
Mutton and Lamb	1,000 lb.	21,302	23,141	26,869	48,955	36,066	766,780
Pork ..	1,000 lb.	21,788	33,680	16,091	11,509	13,379	576,986
Bacon and Ham	1,000 lb.	19,352	22,960	24,383	28,882	26,701	1,878,495
Motor Bodies ..	No.	2,663	1,095	2,343	884	531	29,808
Pickles and Sauces ..	100 pints	10,478	12,717	13,329	9,143	11,975	59,027
Plywood ..	1,000 sq.ft.	66,101	82,155	80,799	66,709	69,290	704,726
Rum	pf. gals.	511,920	336,145	444,024	516,715	518,622	64,931
Soap - Ordinary	cwt.	93,192	72,558	121,156	165,888	129,272	240,823
" - Sand ..	cwt.	7,713	8,333	9,330	9,657	9,793	10,288
Soda Crystals	1,000 lb.	2,510	2,708	3,036	3,502	3,608	15,507
Sugar, raw ..	tons	775,064	759,416	697,644	605,609	486,423	10,045,495
Timber (Native)							
Sawn -							
Hardwood ..	1,000 sup.ft.	61,779	60,868	70,670	77,256	75,431	1,325,013
Pine ..	do.	93,728	105,563	96,405	79,937	78,708	1,303,330
Other ..	do.	12,882	17,800	21,742	19,432	23,141	468,741
Sleepers ..	No.	404,340	292,140	416,981	234,465	204,070	31,410
Veneers ..	1,000 sq.ft.	12,368	23,968	32,464	14,272	15,590	48,815
Wheatmeal ..	tons	4,772	6,804	7,028	6,912	7,804	81,868
Wool, scoured	1,000 lb.	13,580	21,071	19,088	18,590	21,196	2,334,353

[a] Including the output of certain small establishments not classified statistically as factories.

[b] Includes subsidy.